



Product Information

Estrogen receptor inhibitor H3B-6545 hydrochloride, Purity ≥98%

Cat. No.: X24-06-ZQ696

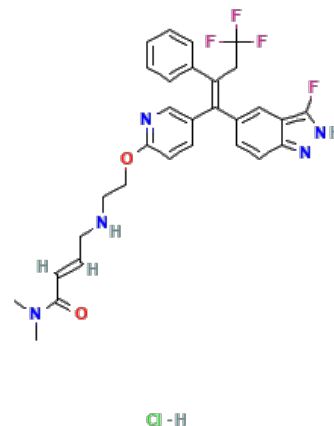
Size: 1 mg; 5 mg; 10 mg; 25 mg

CAS Number: 2052132-51-9

Compound CID: 124091099

Synonym: 2052132-51-9; Estrogen receptor inhibitor; H3B6545; H3B 6545

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	H3B-6545 hydrochloride prevents the growth of cancer cells that depend on estrogen for proliferation.
Molecular Weight	604.04
Molecular Formula	C ₃₀ H ₃₀ ClF ₄ N ₅ O ₂
IUPAC Name	(E)-N,N-dimethyl-4-[2-[5-[(Z)-4,4,4-trifluoro-1-(3-fluoro-2H-indazol-5-yl)-2-phenylbut-1-enyl]pyridin-2-yl]oxyethylamino]but-2-enamide;hydrochloride
InChI	InChI=1S/C30H29F4N5O2.ClH/c1-39(2)27(40)9-6-14-35-15-16-41-26-13-11-22(19-36-26)28(21-10-12-25-23(17-21)29(31)38-37-25)24(18-30(32,33)34)20-7-4-3-5-8-20;/h3-13,17,19,35H,14-16,18H2,1-2H3,(H,37,38);1H/b9-6+,28-24-;
InChI Key	KNSVJVMDBDKJL-XVBKFJSKSA-N
Canonical SMILES	CN(C)C(=O)C=CCNCCOC1=NC=C(C=C1)C(=C(CC(F)(F)F)C2=CC=CC=C2)C3=CC4=C(NN=C4C=C3)F.Cl
Isomeric SMILES	CN(C)C(=O)/C=C/CNCCOC1=NC=C(C=C1)/C(=C(/CC(F)(F)F)\C2=CC=CC=C2)/C3=CC4=C(NN=C4C=C3)F.Cl
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	H3B-6545 hydrochloride is applied similarly to H3B-6545 in investigating estrogen-driven



carcinomas with a specific focus on increased receptor degradation.

Storage

Store at -20°C, and keep desiccated.
